

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1167	((273/317.1) or (273/317/.2) or (273/317.3) or (273/317.4) or (273/317.5) or (273/317.6) or (273/108)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/14 18:37
S2	4	S1 and (impact near (plate OR area OR target))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/14 18:38
S4	274	"463"/\$ and (baseball or hockey or football) and sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/14 18:39
S5	74	S4 and wave	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/14 18:40
S6	162	S4 and frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/14 18:41
S7	33	S4 and frequency and HZ	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/14 18:41
S8	564	((463/2) or (463/3) or (463/4) or (463/5)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/14 18:42

S9	80	S8 and wave	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/14 18:43
S10	8	((("5,447,315") or ("4,824,107") or ("5,864,061") or ("4,824,107") or ("4,563,005"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/14 18:44
S11	2	("6,135,884").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/10 03:15
S12	2	("6,110,043").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/10 03:16
S13	257	(high near pass) and (low near pass) and filter and sports	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/10 04:22
S14	97	S13 and impact	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/10 04:22
S15	42	S14 and piezo	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/10/10 04:22
S16	1	11/045864	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/09 11:26

S17	19	("3852743"   "4276548"   "4915384"   "5199705"   "5401026"   "5419540"   "5553846"   "5570094").PN. OR ("5864061").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/09 11:56
S18	17	("3852743"   "3895366"   "4276548"   "4801880"   "4915384"   "5199705"   "5401026"   "5419549"   "5553846"   "5570094"   "5779555"   "5864061").PN. OR ("6079269").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/09 12:11
S19	0	("7458699").URPN.	USPAT	OR	OFF	2009/10/09 12:13
S20	36	("1199710"   "1215389"   "1230943"   "20010004808"   "20010024364"   "20040047145"   "20060007669"   "20060007670"   "20060089214"   "3638011"   "4346481"   "4453272"   "4513450"   "4853975"   "5118910"   "5177467"   "5321853"   "5377996"   "5406724"   "5424922"   "5444462"   "5535105"   "5580154"   "5816676"   "5987779"   "6006357"   "6012822"   "6079269"   "6592235"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/09 12:13

		"6709142"   "6788201"   "6892397"   "D449714").PN.				
S21	1	"20050233819"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/09 12:27
S22	2	("5,864,061").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/09 12:31
S23	2	("5,447,315").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/09 12:33
S24	2	"11045864"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/09 14:13
S25	1	"11/045864"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/09 14:13
S26	231	(473/205).CQLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/09 14:17
S27	4	"20050153786"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/09 14:27
S28	10	("2040228").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/09 14:31

S29	481	((273/371) or (473/455)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/09 14:32
S30	33	S29 and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/09 14:33
S31	28	("1197567"   "3411785"   "3590225"   "3619630"   "3623065"   "3727069"   "3807858"   "4222564"   "4290757"   "4657511"   "4678194"   "4680012"   "4763903"   "4788441"   "4948371"   "4949972"   "5020806"   "5194006"   "5328190").PN. OR ("5566951").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/09 14:36
S32	2	("5908194").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/09 14:42
S33	2	("5199705").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/09 14:47
S34	8	("2939706"   "3415517"   "3874664"   "5447315").PN. OR ("5908194").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/09 14:49

S35	204	baseball and pitch and (low near pass) and filter and impact	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/09 15:00
S36	235	baseball and pitch and (low near pass) and filter	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/09 15:09
S37	40	"baseball" and pitch and (low near pass) and filter and ball	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/09 15:09
S38	7	"4807887"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/09 15:10
S39	1	"low pass" and dartboard	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/09 15:11
S40	4	"low pass" and "dart board"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/09 15:12
S41	0	"low-pass" and "dart board"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/09 15:12
S42	272	low-pass and impact and sports	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/09 15:12
S43	219	low-pass and impact and baseball	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/09 15:14
S44	5	((("4149716") or ("5307053")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/09 16:21
S45	6	("2939706"   "3415517"   "3874664"   "5447315").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/09 16:38
S46	5	("2939706").URPN.	USPAT	OR	OFF	2009/10/09 16:39
S47	10	("2040228").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/09 17:12
S48	2	("4824107").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/09 17:48

S49	22	("2783047"   "2916289"   "2926015"   "2939706"   "3047723"   "3252705"   "3622957"   "3678495"   "4129299"   "4222564"   "4361330").PN. OR ("4807887").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/09 19:21
S50	0	60/581975	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/09 19:29
S51	0	2007/0260407	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/09 19:30
S52	1	"20070260407"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/09 19:30
S53	1	10/448,439	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/09 19:34
S55	2	("2783047").URPN.	USPAT	OR	OFF	2009/10/09 19:36
S56	5	("2939706").URPN.	USPAT	OR	OFF	2009/10/09 19:37
S57	30	("2939706"   "4261579"   "4351026").PN. OR ("4662845").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/09 19:37
S61	2	("5447315").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/13 10:47
S62	2	("4,824,107").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/13 11:21
S63	2	("4,824,107").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/15 13:20

S64	3	2000-163386	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/16 12:10
S65	5	2001-340646	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/16 12:10
S66	42	"340646"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/16 12:10
S67	61	"163386"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/16 12:11
S68	630	"18135"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/16 12:12
S69	3	2000-205199	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/16 12:14
S70	3	2000-205199	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/16 12:14
S71	66	"205199"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/16 12:15



S72	6	((("6558253") or ("6224483") or ("6827646")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/16 16:07
S73	272	("4448419"   "5580053"   "5584763"   "5722891"   "5788573"   "5823874"   "5848932"   "5947820").PN. OR ("6224483").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/16 16:08
S74	155	("3633915"   "4448419"   "4582324"   "4624459"   "4695053"   "4991848"   "5178390"   "5205555"   "5342047"   "5382023"   "5456465"   "5524888"   "5536016"   "5542669"   "5560603"   "5584763"   "5611535"   "5711525"   "5769716"   "5772509"   "5775692"   "5788573"   "5823874"   "5833538"   "5848932"   "5851147"   "5851148"   "5873781"   "5882261"   "5902184"   "5911418"   "5947820"   "5951397"   "5964463"   "5967894"   "5980384"   "5984781"   "5997400"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/16 16:11

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S75	281	("4871171"   "5205555"   "5342049"   "5344145").PN. OR ("5882261").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/16 16:16

S76	130	("2187046"   "2203886"   "3140875").PN. OR ("4871171").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/16 16:16
S77	16	("5560603"   "5664999"   "5722891"   "5779544"   "5882261"   "5919088"   "5934672"   "5997400"   "6106393"   "6113493"   "6135884"   "6174233"   "6287194").PN. OR ("6620044").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/16 16:18
S78	47	("3281149"   "4200291"   "4570934"   "4695053"   "4756531"   "4805907"   "4836546"   "4871171"   "5067712"   "5205555"   "5259616"   "5342049"   "5344145"   "5393057"   "5397125"   "5722891"   "5788573"   "5823874"   "5848932"   "5911418"   "5976016"   "6033307"   "6089978"   "6135884").PN. OR ("6612575").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/16 16:50
S79	3	persistent near modifier	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/16 17:05
S80	1	"20040048646"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/16 17:22
S81	1	"20050054429"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/16 18:18

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S83	21	("3281149"   "4805907"   "4871171"   "5205555"   "5259616"   "5342049"   "5344145"   "5531441"   "5823874"   "5839955"   "5848932"   "5851148").PN. OR ("6558253").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/16 18:34
S84	2	("6869360").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/16 18:59
S85	52	("4181304"   "4552362"   "4844467").PN. OR ("5344145").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/23 13:02
S86	344	("20020025844"   "20020037764"   "20020045475"   "20020072402"   "20020094857"   "20020119824"   "20020132660"   "20020142822"   "20020151350"   "20020155883"   "20030013514"   "20030027619"   "20030040355"   "20030045344"   "20030045348"   "20030054875"   "20030064795"   "20030125107"   "20030222401"   "20040009803"   "20040038731"   "20040053683"   "20040198485"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/23 13:03

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